

# ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

<b>Title of Invention</b>	<b>DUAL-LAYER COMPLIANT POLYMERIC NOZZLE</b>																																																																																																																						
<p>Submission Type : Utility Patent Filing</p> <p>Application Number: 10/604257 </p> <p>EFS ID: 43001</p> <p>Server Response:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 25%;">Confirmation Code</th> <th style="width: 75%;">Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>1256</td> </tr> <tr> <td>IGEN77</td> <td>Filename= FIS920030100US1-usfees.xml BusinessRule= The access code is not included which allows for automated processing to the deposit account.</td> </tr> </tbody> </table> <p>First Named Applicant: DAVID LONG</p> <p>Attorney Docket Number: FIS920030100US1</p> <p>Timestamp: 2003-07-07 16:09:01 EDT</p> <p>From: us</p> <p>File Listing:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 25%;">Doc. Name</th> <th style="width: 50%;">File Name</th> <th style="width: 10%;">Size (Bytes)</th> <th style="width: 15%;">Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr><td>us-fee-sheet</td><td>FIS920030100US1-usfees.xml</td><td>2154</td><td>2003-07-07</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.xsl</td><td>24912</td><td>2003-07-07</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>10901</td><td>2003-07-07</td></tr> <tr><td>us-ids</td><td>FIS920030100US1-usidst.xml</td><td>1909</td><td>2003-07-07</td></tr> <tr><td>us-ids</td><td>us-ids.dtd</td><td>7763</td><td>2003-07-07</td></tr> <tr><td>us-ids</td><td>us-ids.xsl</td><td>12026</td><td>2003-07-07</td></tr> <tr><td>us-assignment</td><td>FIS920030100US1-usassn.xml</td><td>2153</td><td>2003-07-07</td></tr> <tr><td>us-assignment</td><td>us-assignment.xsl</td><td>8983</td><td>2003-07-07</td></tr> <tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2003-07-07</td></tr> <tr><td>us-assignment</td><td>fis92030100us1assign1.tif</td><td>67832</td><td>2003-07-07</td></tr> <tr><td>us-assignment</td><td>fis92030100us1assign2.tif</td><td>12200</td><td>2003-07-07</td></tr> <tr><td>us-request</td><td>FIS920030100US1-usrequ.xml</td><td>4010</td><td>2003-07-07</td></tr> <tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2003-07-07</td></tr> <tr><td>us-request</td><td>us-request.xsl</td><td>33300</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>FIS92030100us1-trans.xml</td><td>19582</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>us-application-body.xsl</td><td>83497</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2003-07-07</td></tr> <tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2003-07-07</td></tr> </tbody> </table>				Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	1256	IGEN77	Filename= FIS920030100US1-usfees.xml BusinessRule= The access code is not included which allows for automated processing to the deposit account.	Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-fee-sheet	FIS920030100US1-usfees.xml	2154	2003-07-07	us-fee-sheet	us-fee-sheet.xsl	24912	2003-07-07	us-fee-sheet	us-fee-sheet.dtd	10901	2003-07-07	us-ids	FIS920030100US1-usidst.xml	1909	2003-07-07	us-ids	us-ids.dtd	7763	2003-07-07	us-ids	us-ids.xsl	12026	2003-07-07	us-assignment	FIS920030100US1-usassn.xml	2153	2003-07-07	us-assignment	us-assignment.xsl	8983	2003-07-07	us-assignment	us-assignment.dtd	10898	2003-07-07	us-assignment	fis92030100us1assign1.tif	67832	2003-07-07	us-assignment	fis92030100us1assign2.tif	12200	2003-07-07	us-request	FIS920030100US1-usrequ.xml	4010	2003-07-07	us-request	us-request.dtd	19064	2003-07-07	us-request	us-request.xsl	33300	2003-07-07	application-body	FIS92030100us1-trans.xml	19582	2003-07-07	application-body	us-application-body.xsl	83497	2003-07-07	application-body	application-body.dtd	49498	2003-07-07	application-body	wipo.ent	4956	2003-07-07	application-body	mathml2.dtd	54588	2003-07-07	application-body	mathml2-qname-1.mod	13225	2003-07-07	application-body	isoamsa.ent	5191	2003-07-07	application-body	isoamsb.ent	3988	2003-07-07	application-body	isoamsc.ent	1460	2003-07-07	application-body	isoamsn.ent	5620	2003-07-07	application-body	isoamso.ent	1934	2003-07-07	application-body	isoamsr.ent	7073	2003-07-07
Confirmation Code	Message																																																																																																																						
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																																						
ICON1	1256																																																																																																																						
IGEN77	Filename= FIS920030100US1-usfees.xml BusinessRule= The access code is not included which allows for automated processing to the deposit account.																																																																																																																						
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																																				
us-fee-sheet	FIS920030100US1-usfees.xml	2154	2003-07-07																																																																																																																				
us-fee-sheet	us-fee-sheet.xsl	24912	2003-07-07																																																																																																																				
us-fee-sheet	us-fee-sheet.dtd	10901	2003-07-07																																																																																																																				
us-ids	FIS920030100US1-usidst.xml	1909	2003-07-07																																																																																																																				
us-ids	us-ids.dtd	7763	2003-07-07																																																																																																																				
us-ids	us-ids.xsl	12026	2003-07-07																																																																																																																				
us-assignment	FIS920030100US1-usassn.xml	2153	2003-07-07																																																																																																																				
us-assignment	us-assignment.xsl	8983	2003-07-07																																																																																																																				
us-assignment	us-assignment.dtd	10898	2003-07-07																																																																																																																				
us-assignment	fis92030100us1assign1.tif	67832	2003-07-07																																																																																																																				
us-assignment	fis92030100us1assign2.tif	12200	2003-07-07																																																																																																																				
us-request	FIS920030100US1-usrequ.xml	4010	2003-07-07																																																																																																																				
us-request	us-request.dtd	19064	2003-07-07																																																																																																																				
us-request	us-request.xsl	33300	2003-07-07																																																																																																																				
application-body	FIS92030100us1-trans.xml	19582	2003-07-07																																																																																																																				
application-body	us-application-body.xsl	83497	2003-07-07																																																																																																																				
application-body	application-body.dtd	49498	2003-07-07																																																																																																																				
application-body	wipo.ent	4956	2003-07-07																																																																																																																				
application-body	mathml2.dtd	54588	2003-07-07																																																																																																																				
application-body	mathml2-qname-1.mod	13225	2003-07-07																																																																																																																				
application-body	isoamsa.ent	5191	2003-07-07																																																																																																																				
application-body	isoamsb.ent	3988	2003-07-07																																																																																																																				
application-body	isoamsc.ent	1460	2003-07-07																																																																																																																				
application-body	isoamsn.ent	5620	2003-07-07																																																																																																																				
application-body	isoamso.ent	1934	2003-07-07																																																																																																																				
application-body	isoamsr.ent	7073	2003-07-07																																																																																																																				

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	isogrk3.ent	3559	2003-07-07
application-body	isomfrk.ent	4553	2003-07-07
application-body	isomopf.ent	2571	2003-07-07
application-body	isomscr.ent	4628	2003-07-07
application-body	isotech.ent	5268	2003-07-07
application-body	isobox.ent	3568	2003-07-07
application-body	isocyr1.ent	5345	2003-07-07
application-body	isocyr2.ent	2504	2003-07-07
application-body	isodia.ent	1508	2003-07-07
application-body	isolat1.ent	5282	2003-07-07
application-body	isolat2.ent	9007	2003-07-07
application-body	isonum.ent	5913	2003-07-07
application-body	isopub.ent	6621	2003-07-07
application-body	mmlextra.ent	7901	2003-07-07
application-body	mmlalias.ent	38209	2003-07-07
application-body	soextblk.dtd	12870	2003-07-07
application-body	FIS9230100drw1.tif	16998	2003-07-07
application-body	FIS9230100drw2.tif	14335	2003-07-07
application-body	FIS9230100drw3.tif	167695	2003-07-07
application-body	FIS9230100drw4.tif	35094	2003-07-07
us-declaration	fis92030100us1dec1.tif	60239	2003-07-07
us-declaration	fis92030100us1dec2.tif	17811	2003-07-07
package-data	FIS920030100US1-pkda.xml	9646	2003-07-07
package-data	package-data.dtd	27025	2003-07-07
package-data	us-package-data.xls	19263	2003-07-07
Total files size			956130

Message Digest:

05a8b4b6c3eb3b1195e7eb1d1a0ffd1e7bec2c3e

Digital Certificate Holder  
Name:

cn=James J.  
Cioffi,ou=Registered  
Attorneys,ou=Patent and  
Trademark  
Office,ou=Department of  
Commerce,o=U.S.  
Government,c=US